

Hybrid billiard cue shaft

Abstract

A unique and improved billiard cue shaft is disclosed. The billiard cue shaft includes a core of light wood such as spruce and a skin of composite material such as carbon fiber/epoxy. The very light core combined with the extremely strong composite skin allow the billiard cue shaft to be very stiff where required without being too heavy and very light in areas where low mass is most critical for maximum performance while maintaining adequate stiffness. The shaft can be capped watertight at both ends to have none of the stability problems of a wood shaft while maintaining substantially all the feel and sound of a solid wood shaft.